C: wickham 10/20/69

T.I.T.L. MARKET SAMPLE NO. 6
F.T.C. METHODOLOGY
PER CIGARETTE DATA
PART B -- NICOTINE AND F.T.C. "TAR"

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Alpine	X	1.22 ± 0.02	19.1 ± 0.6
	s	0.05	1.4
	CV	4.3	7.1
Belair	X	1.45 ± 0.04	17.7 ± 0.5
	s	0.08	1.2
	CV	5.9	6.7
Benson & Hedges reg. size	X	1.37 ± 0.02	19.8 ± 0.4
	s	0.05	1.0
	CV	3.5	4.9
Benson & Hedges king size,	X	1.47 ± 0.03	19.9 ± 0.5
	s	0.06	1.0
	CV	4.0	5.2
Benson & Hedges 100 mm. filter	X	1.42 ± 0.02	20.3 ± 0.5
	s	0.06	1.1
	CV	4.0	5.6
Benson & Hedges 100 mm. filter menthol	X	1.42 ± 0.03	21.2 ± 0.5
	s	0.06	1.0
	CV	4.4	5.0
Bull Durham	X	1.84 ± 0.03	29.7 ± 0.5
	s	0.07	1.1
	CV	3.9	3.6

PM3000953868

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Camel	X	1.59 ± 0.03	25.9 ± 0.5
reg. size	s	0.08	1.1
non-filter	CV	4.8	4.3
Camel	X	1.36 ± 0.03	20.9 ± 0.6
king size,	s	0.06	1.3
filter	CV	4.7	6.2
Carlton	X	0.34 ± 0.02	3.8 ± 0.4
	s	0.06	0.9
	CV	16.1	24.5
Century	X	1.28 ± 0.03	20.7 ± 0.5
	s	0.07	1.2
	CV	5.7	5.7
Chesterfield	X	1.34 ± 0.02	24.7 ± 0.4
reg. size,	s	0.05	1.0
non-filter	CV	3.8	4.1
Chesterfield	X	1.61 ± 0.03	29.2 ± 0.7
king size,	s	0.08	1.5
non-filter	CV	4.7	5.3
Chesterfield	X	1.45 ± 0.03	21.2 ± 0.4
king size	s	0.06	0.9
filter	CV	4.0	4.3
Chesterfield	X	1.16 ± 0.03	19.0 ± 0.5
king size,	s	0.06	1.0
filter	CV	5.3	5.5
menthol			

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Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Chesterfield	X	1.41 ±0.04	21.2 ± 0.5
101 mm.	s	0.10	1.2
filter	CV	6.8	5.5
Domino	X	1.10 ±0.03	26.2 ± 0.9
king size,	s	0.08	2.0
non-filter	CV	6.8	7.5
Domino	X	0.92 ±0.03	20.6 ± 0.4
king size,	s	0.07	0.9
filter	CV	7.5	4.3
Domino	X	0.86 ± 0.04	16.2 ± 0.6
king size,	s	0.08	1.2
filter menthol	CV	10.0	7.7
Doral	X	0.98 ±0.04	14.2 ± 0.7
king size,	s	0.08	1.6
filter	CV	8.1	11.0
Doral Menthol	X	1.03 ±0.03	14.6 ± 0.6
king size,	s	0.06	1.3
filter menthol	CV	6.2	8.6
Duke	X	0.38 ±0.02	9.3 ±0.3
	s	0.04	0.7
	CV	9.5	7.9
Du Maurier	X	1.31 ±0.02	17.8 ±0.4
	s	0.04	1.0
	CV	3.3	5.6

PM3000953870

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
English Ovals reg. size, non-filter	X	1.98 ± 0.05	27.8 ± 0.5
	s	0.11	1.2
	CV	5.5	4.3
English Ovals king size, non-filter	X	2.27 ± 0.07	29.7 ± 1.2
	s	0.17	2.6
	CV	7.4	8.7
Fatima	X	1.82 ± 0.03	32.4 ± 0.5
	s	0.07	1.1
	CV	4.1	3.5
Frappe	X	0.35 ± 0.02	9.8 ± 0.5
	s	0.05	1.2
	CV	13.7	12.2
Galaxy	X	1.43 ± 0.02	20.3 ± 0.4
	s	0.06	0.9
	CV	3.9	4.4
Gauloises Caporal non-filter	X	1.37 ± 0.04	23.8 ± 0.7
	s	0.08	1.5
	CV	6.2	6.2
Gauloises Disque Bleu filter reg.	X	1.25 ± 0.03	20.8 ± 0.6
	s	0.07	1.4
	CV	5.9	6.6
Half & Half	X	1.59 ± 0.03	22.8 ± 0.4
	s	0.07	1.0
	CV	4.5	4.2

PM3000953871

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Herbert Tareyton	X	1.62 ±0.04	28.3 ±0.7
	s	0.09	1.5
	CV	5.7	5.4
Holiday king size, non-filter	X	1.87±0.05	31.8 ±1.0
	s	0.12	2.2
	CV	6.5	6.8
Holiday king size, filter	X	1.65±0.05	26.0 ±0.6
	s	0.11	1.4
	CV	6.8	5.2
Home Run	X	1.67±0.04	19.9 ± 0.4
	s	0.08	0.9
	CV	4.8	4.6
Kent reg. size, filter	X	0.56±0.01	9.0 ± 0.5
	s	0.03	1.2
	CV	5.7	13.0
Kent king size, filter hard pack	X	1.03±0.02	16.6 ±0.4
	s	0.05	0.9
	CV	5.1	5.6
Kent king size, filter soft pack	X	0.97±0.02	16.2 ± 0.3
	s	0.04	0.8
	CV	4.0	4.7

PM3000953872

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Kent	X	1.19±0.02	18.9±0.3
100 mm.	s	0.05	0.8
filter	CV	3.9	4.1
King Sano	X	0.22±0.01	5.8±0.4
king size,	s	0.02	0.9
filter	CV	9.4	16.4
King Sano	X	0.24±0.01	6.0±0.4
king size,	s	0.03	0.9
filter menthol	CV	11.2	15.7
Kool	X	1.43±0.04	20.9±0.6
reg. size,	s	0.09	1.4
non-filter	CV	6.4	6.6
menthol			
Kool	X	1.43±0.05	17.8±0.8
king size,	s	0.11	1.8
filter	CV	7.9	10.3
menthol			
Kool	X	1.51±0.05	19.8±0.4
100 mm.	s	0.10	0.9
filter menthol	CV	7.0	4.8
L & M	X	0.96±0.02	16.7±0.4
reg. size,	s	0.04	1.0
filter	CV	4.0	5.8

PM3000953873

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
L & M king size, filter hard pack	X	1.03 ± 0.02	17.3 ± 0.5
	s	0.05	1.1
	CV	4.9	6.6
L & M king size filter soft pack	X	1.10 ± 0.03	18.6 ± 0.5
	s	0.06	1.0
	CV	5.3	5.6
L & M 100 mm. filter	X	1.18 ± 0.02	19.4 ± 0.4
	s	0.04	0.8
	CV	3.8	4.2
L & M 100 mm. filter menthol	X	1.18 ± 0.03	19.0 ± 0.5
	s	0.06	1.0
	CV	5.3	5.5
Lark king size, filter	X	1.05 ± 0.03	17.4 ± 0.4
	s	0.06	0.9
	CV	6.1	5.4
Lark 100 mm. filter	X	1.17 ± 0.03	17.9 ± 0.6
	s	0.07	1.3
	CV	6.3	7.4
Life	X	0.72 ± 0.02	10.3 ± 0.4
	s	0.05	0.9
	CV	6.5	9.0
Lucky Strike reg. size, non-filter	X	1.60 ± 0.03	27.8 ± 0.6
	s	0.07	1.4
	CV	4.5	5.1

PM3000953874

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Lucky Strike king size, filter	X	1.39 ± 0.03	21.3 ± 0.5
	s	0.08	1.2
	CV	5.5	5.6
Lucky Strike 100 mm. filter	X	1.36 ± 0.03	20.6 ± 0.3
	s	0.06	0.8
	CV	4.7	3.8
Mapleton reg. size, non-filter	X	1.09 ± 0.02	26.8 ± 0.6
	s	0.06	1.3
	CV	5.1	4.8
Mapleton king size, filter	X	0.98 ± 0.04	22.1 ± 0.8
	s	0.08	1.7
	CV	8.1	7.8
Marlboro king size, filter hard pack	X	1.30 ± 0.04	19.6 ± 0.4
	s	0.08	1.0
	CV	6.1	4.8
Marlboro king size, filter soft pack	X	1.35 ± 0.03	20.4 ± 0.3
	s	0.07	0.8
	CV	5.0	3.7
Marlboro 100 mm. filter soft pack	X	1.49 ± 0.03	21.7 ± 0.6
	s	0.07	1.4
	CV	4.9	6.5

PM3000953875

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Marlboro	X	1.46 ± 0.03	20.9 ± 0.4
100 mm.	s	0.07	0.9
filter	CV	4.9	4.4
hard pack			
Marlboro	X	1.35 ± 0.04	20.6 ± 0.5
king size,	s	0.08	1.2
filter menthol	CV	6.0	5.7
Marvels	X	0.72 ± 0.01	19.9 ± 0.4
reg. size,	s	0.02	0.9
non-filter	CV	3.5	4.5
Marvels	X	0.14 ± 0.01	3.6 ± 0.4
reg. size,	s	0.03	0.8
filter	CV	21.6	22.4
Marvels	X	0.85 ± 0.02	23.8 ± 0.7
king size,	s	0.06	1.6
non-filter	CV	6.6	6.6
Marvels	X	0.23 ± 0.01	5.4 ± 0.3
king size,	s	0.02	0.8
filter	CV	8.2	14.5
Marvels	X	0.17 ± 0.02	3.8 ± 0.3
king size,	s	0.04	0.7
filter menthol	CV	25.7	18.3
Montclair	X	0.65 ± 0.02	9.0 ± 0.5
	s	0.05	1.1
	CV	7.8	12.0

PM3000953876

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Newport king size filter menthol hard pack	X	1.18±0.03	19.6±0.4
	s	0.07	0.9
	CV	5.6	4.6
Newport king size, filter menthol soft pack	X	1.19±0.03	19.5±0.6
	s	0.06	1.4
	CV	5.0	7.4
Newport 100 mm. filter menthol	X	1.35±0.02	21.2±0.3
	s	0.05	0.7
	CV	4.0	3.3
Oasis	X	1.12±0.04	18.8±0.5
	s	0.08	1.1
	CV	7.2	5.7
Old Gold reg. size, non-filter	X	1.28±0.04	21.7±0.6
	s	0.09	1.3
	CV	7.0	6.0
Old Gold king size, non-filter	X	1.73±0.04	28.6±0.7
	s	0.10	1.6
	CV	5.7	5.7
Old Gold king size, filter	X	1.20±0.03	19.3±0.4
	s	0.06	1.0
	CV	5.0	5.2

PM3000953877

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Old Gold Filter 100 mm.	X	1.49 ± 0.06	23.8 ± 0.6
	s	0.12	1.4
	CV	8.4	5.8
Pall Mall king size, non-filter soft pack	X	1.80 ± 0.04	29.0 ± 0.7
	s	0.08	1.5
	CV	4.6	5.2
Pall Mall 95 mm. filter hard pack	X	1.22 ± 0.02	18.7 ± 0.4
	s	0.05	1.0
	CV	4.4	5.3
Pall Mall 95 mm. filter menthol hard pack	X	1.12 ± 0.02	17.3 ± 0.4
	s	0.05	1.0
	CV	4.7	5.7
Pall Mall 100 mm. filter soft pack	X	1.28 ± 0.04	19.4 ± 0.3
	s	0.08	0.6
	CV	6.6	3.4
Pall Mall 100 mm. filter menthol soft pack	X	1.17 ± 0.02	17.8 ± 0.3
	s	0.05	0.6
	CV	4.7	3.4
Parliament king size, filter hard pack	X	1.00 ± 0.02	15.4 ± 0.3
	s	0.06	0.7
	CV	5.6	4.7

PM3000953878

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Parliament king size, filter soft pack	X	1.02 ±0.02	15.6 ± 0.5
	s	0.05	1.2
	CV	5.2	7.6
Philip Morris reg. size, non-filter	X	1.53±0.03	24.8 ±0.7
	s	0.08	1.6
	CV	5.0	6.4
Philip Morris Commander	X	1.85±0.04	28.9 ± 0.8
	s	0.10	1.8
	CV	5.3	6.2
Philip Morris king size, filter	X	1.38±0.02	19.6 ± 0.4
	s	0.05	0.8
	CV	3.8	4.2
Philip Morris king size, filter menthol	X	1.11±0.06	14.9 ± 1.1
	s	0.14	2.4
	CV	13.2	15.9
Philip Morris king size, filter menthol non-ventilated	X	1.39 ± 0.02	20.1± 0.3
	s	0.06	0.7
	CV	4.0	3.5
Philip Morris king size, filter menthol ventilated	X	0.88± 0.02	12.0 ±0.4
	s	0.04	0.8
	CV	5.2	7.0

PM3000953879

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Picayune	X	1.80 ± 0.04	20.4 ± 0.6
	s	0.08	1.3
	CV	4.5	6.4
Piedmont	X	1.39 ± 0.03	25.2 ± 0.4
	s	0.07	1.0
	CV	4.8	3.9
Players	X	1.98 ± 0.05	30.5 ± 0.6
	s	0.11	1.3
	CV	5.5	4.2
Raleigh king size, non-filter	X	1.78 ± 0.04	27.2 ± 0.4
	s	0.10	0.9
	CV	5.8	3.5
Raleigh king size, filter	X	1.31 ± 0.05	18.1 ± 0.6
	s	0.11	1.4
	CV	8.5	7.9
Salem king size, filter menthol	X	1.35 ± 0.02	19.6 ± 0.4
	s	0.06	0.9
	CV	4.2	4.4
Salem 100 mm. filter menthol	X	1.51 ± 0.03	21.9 ± 0.4
	s	0.06	1.0
	CV	4.0	4.6
Sano reg. size, non-filter	X	0.51 ± 0.05	14.7 ± 0.4
	s	0.11	1.0
	CV	21.0	6.6

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Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Silva Thins	X	0.98 ± 0.02	15.4 ± 0.4
100 mm.	s	0.04	1.0
filter	CV	4.4	6.3
Silva Thins	X	0.99 ± 0.02	15.9 ± 0.5
100 mm.	s	0.04	1.2
filter menthol	CV	4.4	7.7
Spring	X	1.14 ± 0.03	21.0 ± 0.4
	s	0.06	1.0
	CV	5.5	4.6
Stratford	X	0.98 ± 0.02	24.6 ± 0.3
king size,	s	0.06	0.6
non-filter	CV	5.7	2.6
Stratford	X	0.70 ± 0.01	18.6 ± 0.4
king size,	s	0.03	0.8
filter	CV	4.3	4.5
Stratford	X	0.80 ± 0.02	19.1 ± 0.8
king size,	s	0.04	1.7
filter menthol	CV	4.6	9.0
Tareyton	X	1.04 ± 0.02	16.7 ± 0.5
king size,	s	0.06	1.1
filter	CV	5.5	6.6
Tareyton	X	1.10 ± 0.03	17.2 ± 0.6
100 mm.	s	0.06	1.3
filter	CV	5.3	7.8

PM3000953881

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Tempo	X	0.85 ± 0.02	11.8 ± 0.4
	s	0.04	0.9
	CV	5.2	7.8
True (Blue) king size, filter	X	0.69 ± 0.02	12.6 ± 0.3
	s	0.05	0.8
	CV	6.8	6.2
True (Green) king size, filter menthol	X	0.66 ± 0.02	12.0 ± 0.6
	s	0.05	1.3
	CV	7.5	10.9
Tryon king size, filter	X	0.90 ± 0.02	12.6 ± 0.4
	s	0.05	0.8
	CV	5.2	6.8
Tryon king size, filter menthol	X	0.72 ± 0.02	10.4 ± 0.3
	s	0.04	0.6
	CV	5.4	6.3
Viceroy king size, filter	X	1.33 ± 0.03	18.2 ± 0.4
	s	0.06	0.9
	CV	4.9	5.1
Viceroy 100 mm. filter	X	1.46 ± 0.02	19.4 ± 0.4
	s	0.04	0.9
	CV	3.1	4.8
Virginia Slims 100 mm. filter	X	1.21 ± 0.02	18.1 ± 0.4
	s	0.05	1.0
	CV	4.2	5.3

PM3000953882

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Virginia Slims 100 mm. menthol	X	1.23±0.03	18.3±0.4
	s	0.06	0.8
	CV	4.8	4.6
Vogue Assorted Colors	X	0.45±0.03	12.9±0.7
	s	0.06	1.6
	CV	13.9	12.6
Vogue Black	X	0.66±0.04	19.0±1.2
	s	0.08	2.7
	CV	12.0	14.3
Winston king size, filter hard pack	X	1.34±0.02	20.7±0.2
	s	0.04	0.5
	CV	3.2	2.6
Winston king size, filter soft pack	X	1.33±0.03	20.7±0.5
	s	0.06	1.2
	CV	4.9	5.9
Winston 100 mm. filter soft pack	X	1.48±0.03	21.7±0.3
	s	0.07	0.7
	CV	4.8	3.1
Winston 100 mm. filter menthol	X	1.49±0.03	21.1±0.7
	s	0.06	1.5
	CV	4.1	7.2

PM3000953883

Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001

BRAND		Nicotine mg/cigt.	F.T.C. "Tar" mg/cigt.
Yukon	X	0.84 ± 0.03	20.3 ± 0.4
	s	0.06	0.9
	CV	7.4	4.3
Monitor Smoking Machine A	X	1.28 ± 0.005	20.1 ± 0.1
	s	0.05	0.9
	CV	4.1	4.5
Monitor Smoking Machine B	X	1.28 ± 0.005	20.0 ± 0.1
	s	0.05	0.8
	CV	3.8	4.0

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Source: https://www.industrydocuments.ucsf.edu/docs/ynnk0001